FORM PTO-1449 LIST OF PATENTS AND OTHER ITEMS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) (Use several sheets if necessary) FILING DATE: August 3, 1998 ATTY. DOCKET). 236/092 APPLICANT: Michael J. Heller et al. FILING DATE: August 3, 1998 1631

W.	218by	· ·	J.S. PATENT I	DOCUMENTS			
EXAMINER INITIAL	P. Mr.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBC LASS	FILINGDATE
	AA	3,950,738	4/76	Hayashi et al.	365	185	7/74
·	AB	3,995,190	11/76	Salgo	313	391	12/75
	ABL	4,225,410	9/80	Pace	204	195	12/78
	AC	4,283,773	8/81	Daughton et al.	364	132	4/79
	AD	4,563,419	1/86	Ranki et al.	435	6	12/83
	AE	4,580,895	4/86	Patel	356	39	10/83
	AF	4,584,075	4/86	Goldstein et al.	204	522	11/84
	AG	4,594,135	6/86	Goldstein	204	551	2/85
	AG1	4,661,451	4/87	Hansen	435	174	2/84
	AH	4,751,177	<u>6/88</u>	Stabinsky	435	6	6/85
	AI	4,787,963	91488	MacConnell	204	450	5/87
	AJ	4,807,161	2/895	Comfort et al.	364	550	12/87
 	AK	4,816,418	3/89	Mack et al.	436	518	7/85
	AL	4,822,566	4/89	Newman	422	82	5/87
	AM	4,828,979	5/89	Klevan et al.	435	6	11/84
	AN	4,908,112	3/90	Pace	210	198	6/88
	AO	5,063,081	11/91	Cozzette et al.	435	· 4	8/90
	AP	5,074,977	12/91	Cheung et al.	205	775	10/90
	AQ	5,075,077	12/91	Durley, III et al.	422	56	8/88
	AR	5,096,669	3/92	Lauks et al.	422	61	9/88
<u></u>	AS	5,096,807	3/92	Leaback	435	6	12/89
	AT	5,125,748	6/92	Bjornson et al.	356	414	5/91
_	ΑŪ	5,126,022	· 6/92	Soane et al.	204	458	2/90
	AV	5,143,854	9/92	Pirrung et al.	436	518	3/90
	AW	5,164,319	11/92	Hafeman et al.	435	287	11/89
	AX	5,166,063	11/92	Johnson	435	173	6/90
	AY	5,200,051	4/93	Cozzette et al.	204	403	11/89
	AZ	5,202,231	4/93	Drmanac et al.	435	6	6/91
	BA	5,219,726	6/93	Evans	435	6	6/89
•.	BB	5,227,265	7/93	DeBoer et al.	430	41	11/90

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CATEMAN	AD PART							
	BC	5,234,566	8/93	Osm	an et al.	204	403	4/91
	BD	5,242,797	9/93	Hirs	chfeld	435	6	1/92
	RE	5,304,487	4/94	Wild	ling et al.	435	29	5/92
	BF	5,312,527	5/94	Mik	kelsen et al.	205	777	10/92
	BG	5,433,819	7/95	McN	/leen	216	20	5/93
	BH	5,434,049	7/95	Oka	no et al.	435	6	2/93
	BI	5,436,129	7/95	Stap	leton	435	6	10/93
	BJ	5,445,525	8/95	Broa	adbent et al.	439	64	5/94
	BK	5,464,517	. 11/95	Hjer	ten et al	204	183	1/95
	BL	5,468,646	11/95	Mati	tingly	436	501	1/95
	BM	5,516,698	5/96	Beg	g et al.	436	89	4/92
<u> </u>	BN	5,527,670	6/96	Stan	ley	435	6	8/94
	ВО	5,593,838	1/97	Zanz	zucci et al	435	6	. 5/95
	BP	5,605,662	2/97	Hell	er et al.	422	68	11/93
	BQ	5,632,957	5/97	Hell	er et al. er et al. is et al. shka et al.	422	68	9/94
	BR	5,653,939	8/97	Holl	is et al.	422	50	8/95
	BS	5,660,701	8/97	Gru	shka et al.	204	451	2/96
	BT	5,681,751	10/97	Beg	g et al.	436	89	5/95
<u> </u>	BU	5,750,015	5/98		ne et al	204	454	3/96
	BV	5,849,486	12/98	Hell	er et al.	435	X	8/96
	BW	6,013,166	1/00	Hell	er	204	469	4/94
-	BX	6,017,696	1/00	Hell	er et al.	435	6	7/94

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBC LASS	TRANSI YES	ATION ON
	BY	0228075	7/87	EP (Dattagupta et al.)				
	BZ	2247889	3/92	GB (Stanley)				
	CA	WO95/07363	3/95	PCT (Konrad)			<u> </u>	
	CB	WO90/01564	2/90	PCT (Adams et al.)	\rightarrow	11		
	CC	WO89/01159	2/89	PCT (Cornell et al.)		~~~	3	

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	CD	WO93/22678	11/93	PCT (Hollis)				
$\overline{}$	CE	WO86/03782	7/86	PCT (Malcolm et al.)	ļ			
	CF	WO89/10977	11/89	PCT (Southern)				<u> </u>
	CG	WO88/08528	11/88	PCT (Stanbro et al.)				
-	СН	WO92/04470	3/92	PCT (Stanley)			·	
	CI	WO98/51819	11/98	PCT (Heller et al.)				
	CJ	WO96/01836	1/96	PCT (Heller et al.)	ļ			
	CK	WO98/01758	1/98	PCT (Kovacs)				
-	CL	2156074	10/85	UK (Palva et al.)				
	CM	57087	87	Yugoslavia (Drmanac)				
		Vic.	7× 000		•			
			COM	5 ide red				
OTHER DO	CUME	NTS (Including Author, Title, Dat	e, Rertinent Pa	ages, Etc.)				
	CN	Abrams et al. "Compreh	ensive Detec	tion of Single Base Changes	In Hun	nan Gen	omic I	DNA
	. [Using Denaturing Gradie	ent Gel Blect	rophoresis & a GC Clamp".	Genom	ics, 7, 1	990, 4	63-
		475						
	CO	Anand and Southern "Pu	ilsed Field G	el Electrophoresis," Gel Elec	tropho	resis of	Nuclei	2
			roach, 2d. Ed	I., D. Rickwood and B.D. Ha	mes (N	ew York	CIKL I	ress
		1990), pp 101-123		D'II TT. L. 'Y. A'. D'NT. 1.'		ناد ندهاری	zotio=	Δ
	CP	Anderson and Young, "C	Quantitative	Filter Hybridization," Nuclei	c ACIO	TYOUG):	Press 1	- <u>^</u>
			. B.D. Hame	s and S.J. Higgins (Washingt	on, D.C	,IKL I	1699 1	
		pp 73-111	oo to Cooper	nce a Sequence," Bio/Techno	logy 10).757-79	8 (199	12)
	CQ	Bains, "Setting a Sequer	ice to Seque	Genome Initiative?", Science	253.14	189 (190)1)	
	CR	Bannaga, Will DNA	or Toobnolo	gy," The 1992 San Diego Co	oference	e. Gene	tic	
	CS			gy, The 1992 San Diego Co	TROTOTO	c. Gene	<u>.10</u>	
<u> </u>	- CT	Recognition, pp 1-5 (No	Multigone I	Families and Determination of	f Hom	alogies l	v Filte	r
	CT	Bellz et al., Isolation of	" Mothode in	Enzymology, 100:266-285 (1983)	70.00	. ,	
<u> </u>	CII	Prove et al "Flectroche	mically Indi	aced Adsorption of Radio-La	belled I	ONA on	Gold a	and
	CU	HOPG Substrates for ST	'M Investion	tions". Ultramicroscopy, 38,	1991, 2	253-264	\	
-	CV	Conner et al "Detection	of Sickle C	ell β³-Globin Allele by Hybr	idizatio	n With	Synthe	tic
	~	Oligonucleotides." Proc	. Natl. Acad.	Sci. USA, 80:278-282 (1983)			

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	CW	S (Including Author, Title, Date, Pertinent Pages, Etc.) Drmanac et al., "Sequencing of Megabase Plus DNA by Hybridization: Theory of the
		Method," Genomics, 4:114-128 (1989)
	СХ	Drmanac et al., "DNA Sequence Determination by Hybridization: A Strategy for Efficient Large-Scale Sequencing," Science, 260: 1649-1652 (1993)
	CY	Eggers et al. "Biochip Technology Development", BioChip Technology Development, Lincoln Laboratory Technical Report 901, Nov. 9, 1990
	CZ	Riaccabrino et al., "Array of Individually Addressable Microelectrodes", Sensors and Actuators B, 18-19 (1994) 675-677
	DA	Fodor et al., "Multiplexed Biochemical Assays With Biological Chips," Nature, 364:555-556 (1993)
	DB	Fodor et al., "Light-Directed, Spatially Addressable Parallel Chemical Synthesis," Science, 251:767-773 (1992)
	DC	Horejsi, "Some Theoretical Aspects of Affinity Electrophoresis," Journal of Chromatography, 178:113 (1979) on Sidon of
	DD	Chromatography, 178:1 13 (1979) Con Station Constants of Lectin Sugar Complexes by Means of Affinity Electrophoresis, Biochimica at Biophysica Acta, 499:200-300 (1977)
	DE	Kakerow et al., "A Monolithic Sensor Array of Individually Addressable Microelectrodes", Sensors and Actuators A, 43 (1994) 296-301
	DF .	Mathews, Kricka. "Analytical Strategies For The Use Of DNA Probes". Analytical Biochemistry, 169, 1988, 1-25
	DG	Palecek. "New Trends in Electrochemical Analysis of Nucleic Acids". Bioelectrochemistry and Bioenergetics, 20, 1988, 179-194
	DH	Ranki et al., "Sandwich Hybridization as a Convenient Method for the Detection of Nucleic Acids in Crude Samples," Gene, 21:77-85 (1983)
	DI	Saiki, "Amplification of Genomic DNA," PCR Protocols: A Guide to Methods and Applications, (Academic Press, Inc. 1990), pp 13-20
	DJ	Southern et al., "Analyzing and Comparing Nucleic Acid Sequences by Hybridization to Arrays of Oligonucleotides Evaluation Using Experimental Models," Genomics, 13:1008-1017 (1992)
	DK	Strezoska et al., "DNA Sequencing by Hybridization: 100 Bases Read by a Non Gel-Based Method", Proc. Natl. Acad. Sci. USA, 88:10089-93 (1991)

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DL	Wallace et al., "Hybridization of Synt Effect of Single Base Pair Mismatch,"	Nucleic Acid Res., 6:3543-355	7 (1979)			
DM	Washizu, "Electrostatic Manipulation 25:109-123 (1990)					
DN	Washizu and Kurosawa, "Electrostatic Manipulation of DNA in Microfabricated Structures," IEEE Transactions on Industry Applications, 26:1165-1172 (1990)					
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